

## INTERNATIONAL SEARCH REPORT

international application No.  
PCT/KR03/00843

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 A23G 9/28**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A23G 9/00, A23G 9/02, A23G 9/04, A23G 9/06, A23G 9/08, A23G 9/10, A23G 9/12, A23G 9/14, A23G 9/16, A23G 9/18, A23G 9/20, A23G 9/22, A23G 9/24, A23G 9/26, A23G 9/28, A23G 9/30

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility and applications for Utility models since 1975, Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

NPS, JPO

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US4736600A(Lester Brown, George Gropper, Mario J. Aguilar)12 April 1988	1, 2
A	US3939667A(Sweden Freezer Manufacturing Co.,) 24 February 1976	1
A	KR1999-007726A(Son, Ki-Bok)25 January 1999	1
A	US4653281A(VEER RICHARD F V D) 31 March 1987	1

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family


Date of the actual completion of the international search

12 AUGUST 2003 (12.08.2003)

Date of mailing of the international search report

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR03/00843

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US4736600A	12.04.1988	US4736600A W08807330A1	12.04.1988 06.10.1988
US3939667A	24.02.1976	NL6913543A US3939667A	11.03.1970 24.02.1976
KR1999-007726A	25.01.1999	None	
US4653281A	31.03.1987	US4653281A	31.03.1987